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REPORT

on

COMPONENT - INFORMATION TECHNOLOGY EQUIPMENT INCLUDING
ELECTRIC BUSINESS EQUIPMENT

Maxim Integrated Products
Sunnyvale, CA

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DESCRIPTION

PRODUCT COVERED:

* USR CNR - Component Lithium Battery Power Modules Models DS1991#, DS1992#, DS1993#, DS1994#, and DS1955#, where # represents **any combination of symbols, letters, and/or numbers that describe non-safety related characteristics.**

GENERAL DESCRIPTION:

The components listed above are lithium battery powered modules enclosed in a stainless steel case. The battery is epoxy encapsulated to prevent contamination or accidental discharge. The battery circuit also provides protection from a reverse charging current into the battery. The suffix # represents form differences only, or denotes logic changes.

***TECHNICAL** CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE'S USE):

Use - For use only in products where the acceptability of the combination is determined by Underwriters Laboratories Inc.

USR indicates investigation to the UL Standard for Safety of Information Technology Equipment, UL 60950-1 - STANDARD FOR SAFETY FOR INFORMATION TECHNOLOGY EQUIPMENT - SAFETY - PART 1: GENERAL REQUIREMENTS - Edition 1 - Revision Date 2007/10/31

CNR indicates investigation to the Standard for Safety of Information Technology Equipment CSA C22.2 NO. 60950-1 (1ST ED.) - INFORMATION TECHNOLOGY EQUIPMENT SAFETY PART 1: GENERAL REQUIREMENTS - Edition 1 - Revision Date 2006/07/07

Conditions of Acceptability - Consideration should be given to the following when the acceptability of these devices in specific applications.

1. These devices are normally intended for use as components where replacement is done by a trained technician.
2. These devices are intended for use as components in low voltage isolated secondary circuits where the case temperature is not expected to exceed 95°C and the voltage on any pin relative to ground is a maximum of 7 V dc. Reverse charge current under these conditions is negligible.
3. These devices are provided with the applicable reverse charging current protection circuit.

MODEL DIFFERENCES:

Models DS1991#, DS1992#, DS1993#, DS1494#, DS1955#, and DS1957# are identical to Model DS1994# except for form differences, or logic changes.